TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371	ATTORNEY'S DOCKET NUMBER 0303-0491PUS1
	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/513964 New

INTERNATIONAL APPLICATION NO. PCT/JP03/05743	INTERNATIONAL FILING DATE 8 May 2003	PRIORITY DATE CLAIMED 13 May 2002

TITLE OF INVENTION CAST-IRON INSERT AND METHOD OF MANUFACTURING SAME

APPLICANT(S) FOR DO/EO/US Haruki KODAMA and Tomonori FUKUMOTO

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. [x] This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.

2. [ ] This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.

3. [x] This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.

4. [x] The US has been elected (Article 31).

5. [x] A copy of the International Application as filed (35 U.S.C. 371 (c)(2))

    a. [ ] is attached hereto (required only if not communicated by the International Bureau).

    b. [x] has been communicated by the International Bureau.

    c. [ ] is not required, as the application was filed in the United States Receiving Office (RO/US).

6. [x] An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).

    a. [x] is attached hereto.

    b. [ ] has been previously submitted under 35 U.S.C. 154(d)(4).

7. [x] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))

    a. [x] are attached hereto (required only if not communicated by the International Bureau).

    b. [ ] have been communicated by the International Bureau.

    c. [ ] have not been made; however, the time limit for making such amendments has NOT expired.

    d. [ ] have not been made and will not be made.

8. [x] An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).

9. [x] An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).

10. [ ] An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. [x] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

12. [x] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

13. [x] A preliminary amendment.

14. [ ] An Application Data Sheet under 37 CFR 1.76.

15. [ ] A substitute specification.

16. [ ] A power of attorney and/or change of address letter.

17. [ ] A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.

18. [ ] A second copy of the published International Application under 35 U.S.C. 154(d)(4).

19. [ ] A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

20. [x] Other items or information: PCT/IB/308; PCT/IB/301; PCT/IB/304; PCT/IB/332; PCT/IPEA/416; PCT/IPEA/409; Drawings - Nine (9) Sheets

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10/513964 NEW	PCT/JP03/05743	0303-0491PUS1

21. [x] The following fees are submitted:

CALCULATIONS   PTO USE ONLY

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) – (5)):

Neither international preliminary examination fee (37 CFR 1.482)
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO
and International Search Report not prepared by the EPO or JPO $1110.00

International preliminary examination fee (37 CFR 1.482) not paid to
USPTO but International Search Report prepared by the EPO or JPO $950.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO $790.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO
but all claims did not satisfy provisions of PCT Article 33(1)-(4) $750.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO
and all claims satisfied provisions of PCT Article 33(1)-(4) $100.00

ENTER APPROPRIATE BASIC FEE AMOUNT = | $ 950.00 |

Surcharge of $130.00 for furnishing the oath or declaration later than 30 months
from the earliest claimed priority date (37 CFR 1.492 (e)). | $ |

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	3-20 =	0	x 18.00	$	
Independent claims	2-3 =	0	x 88.00	$	
MULTIPLE DEPENDENT CLAIM(s) (if applicable) NO			+ 300.00	$	
TOTAL OF ABOVE CALCULATIONS =				$ 950.00	
[ ] Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				$	
SUBTOTAL =				$ 950.00	

Processing fee of $130.00 for furnishing the English translation later than 30 months
from the earliest claimed priority date (37 CFR 1.492 (f)). | $ |

TOTAL NATIONAL FEE =	$ 950.00
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). $40.00 per property +	$ 40.00
TOTAL FEES ENCLOSED =	$ 990.00

	Amount to be refunded:	$
	Amount to be charged:	$

a. [x] A check in the amount of $ 990.00 to cover the above fees is enclosed.

b. [ ] Please charge my Deposit Account No. _____ in the amount of $ _____
to cover the above fees. A duplicate copy of this sheet is enclosed.

c. [x] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. 02-2448 . A duplicate copy of this sheet is enclosed.

d. [ ] Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card
information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive
(37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

SIGNATURE

NAME   James M. Slattery

CUSTOMER NUMBER: 02292
November 10, 2004
/clb

REGISTRATION NUMBER   28,380